

INTERNATIONAL SEARCH REPORT

Inter I Application No
PCT/GB2004/003818

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C10J3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10J A01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 434 003 A (UBB MAGDEBURG KIPPER & DR STEG) 30 June 2004 (2004-06-30) abstract; figures column 6, line 15 - line 28 column 6, line 38 - line 41 column 6, line 56 - column 7, line 11 column 7, line 25 - line 35	1
P,X	WO 2004/046279 A (BRAUER PETER DIRK ; SAMSON BIMATECH I S (DK)) 3 June 2004 (2004-06-03) abstract; figures page 2, line 24 - line 27 page 3, line 1 - line 11 page 4, line 2 - line 16 page 5, line 6 - line 11 page 7, line 22 - line 24 ----- -/-	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

22/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 57 870 A (RES & DEV OF RENEWABLE ENERGY) 21 June 2000 (2000-06-21) abstract; figures column 3, line 44 - line 52 page 4, line 5 - line 10	1,2
Y	-----	4
Y	DE 30 47 192 A (LANGER PAUL GERHARD) 22 July 1982 (1982-07-22) the whole document	4
X	----- WO 01/58244 A (COOPERATIEF ADVIES EN ONDERZO ; OPDAM JOANNES JOZEF GERARDUS (NL); SC) 16 August 2001 (2001-08-16) abstract; figures page 1, line 1 - line 6 page 2, line 4 - line 16 page 3, line 25 - page 4, line 16 page 5, line 36 - page 6, line 9 page 14, line 16 - line 23 page 26, line 28 - line 29 page 27, line 9 - line 21 page 29, line 28 - page 30, line 3	3
A	----- EP 1 182 248 A (B T G B V) 27 February 2002 (2002-02-27) abstract; figures page 1, paragraph 4 - paragraph 5 page 2, paragraph 13 page 3, paragraph 28	1-6
A	----- EP 0 677 237 A (CLAESEN ROBERTUS MARIA) 18 October 1995 (1995-10-18) column 1, line 1 - line 48; figures	4
A	----- US 6 112 677 A (SIEGENTHALER ARNO ET AL) 5 September 2000 (2000-09-05) abstract; figures column 2, line 48 - line 54 column 5, line 36 - line 44 column 5, line 55 - line 61 column 6, line 14 - line 20 column 6, line 62 - line 67 column 7, line 25 - line 27 column 9, line 27 - line 40 column 11, line 3 - line 14 column 11, line 24 - line 41	1-6

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 8
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 8

Claims 8 does not contain apparatus feature, which render it difficult, if not impossible, to determine the matter for which protection is sought. Therefore, the present application fails to comply with the clarity and conciseness requirements of Article 6 PCT (see also Rule 6.1(a) PCT) to such an extent that a meaningful search is impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear (and concise), namely the process for gasification of claims 1 to 6.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Inter..... Application No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1434003	A	30-06-2004	DE 10346892 A1 EP 1434003 A2 PL 364215 A1 US 2004134395 A1	15-07-2004 30-06-2004 28-06-2004 15-07-2004
WO 2004046279	A	03-06-2004	WO 2004046279 A1	03-06-2004
DE 19857870	A	21-06-2000	DE 19857870 A1	21-06-2000
DE 3047192	A	22-07-1982	DE 3047192 A1	22-07-1982
WO 0158244	A	16-08-2001	AU 3778901 A WO 0158244 A2	20-08-2001 16-08-2001
EP 1182248	A	27-02-2002	NL 1016019 C2 EP 1182248 A1	26-02-2002 27-02-2002
EP 0677237	A	18-10-1995	NL 9400596 A AT 149279 T DE 69500165 D1 DE 69500165 T2 DK 677237 T3 EP 0677237 A1	01-11-1995 15-03-1997 10-04-1997 12-06-1997 30-06-1997 18-10-1995
US 6112677	A	05-09-2000	DE 19608826 A1 WO 9732945 A1 EP 0885274 A1 JP 2000505123 T	11-09-1997 12-09-1997 23-12-1998 25-04-2000